DRILL HOLES

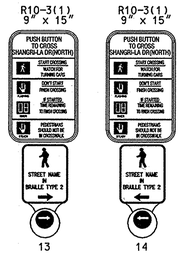
BORDER REV. DATE: June 1, 2004

DRILL HOLES

DRILL HOLES

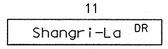
MD 235 IS CONSIDERED TO RUN IN A NORTH-SOUTH DIRECTION

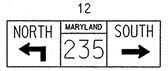
PROPOSED SIGNS



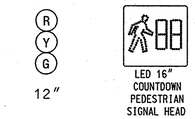
SHANGRI-LA DRIVE (NORTH)

EXISTING SIGNS

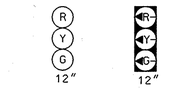




PROPOSED SIGNALS

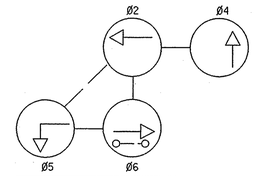


EXISTING SIGNALS

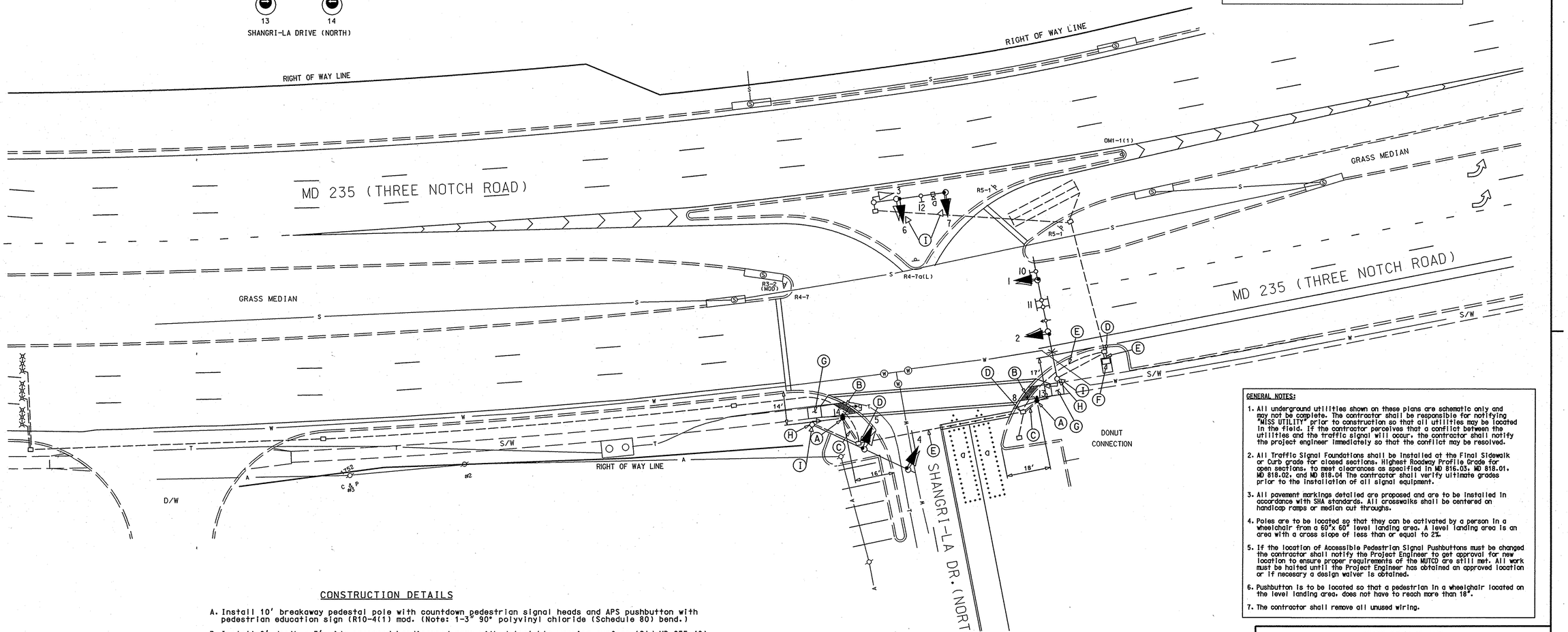


- VIDEO DETECTION CAMERA a
- OPTICOM DETECTOR

NEMA PHASING



PHASING NOTES:
1.) PHASES ASSOCIATED BY A DASHED LINE WILL OPERATE CONCURRENTLY
2.) PHASES ASSOCIATED BY A SOLID LINE WILL NOT OPERATE CONCURRENTLY



CONSTRUCTION DETAILS

A. Install 10' breakaway pedestal pole with countdown pedestrian signal heads and APS pushbutton with pedestrian education sign (R10-4(1) mod. (Note: 1-3" 90° polyvinyl chloride (Schedule 80) bend.)

B. Install 8' depth x 5' wide proposed handicapped ramp with detectable warning surface (Std MD 655.40).

C. Install 3" polyvinyl chloride electrical conduit (Schedule 80) (trenched).

D. Use existing handhole.

E. Use existing conduit.

F. Use existing cabinet and controller.

G. Install 4" sidewalk to tie into proposed ramp as shown.

H. Remove existing pedestrian signal head from signal pole.

I. Remove existing signal heads and replace with proposed LED signal heads.

GENERAL NOTES:

1. All underground utilities shown on these plans are schematic only and may not be complete. The contractor shall be responsible for notifying "MISS UTILITY" prior to construction so that all utilities may be located in the field. If the contractor perceives that a conflict between the utilities and the traffic signal will occur, the contractor shall notify the project engineer immediately so that the conflict may be resolved.
2. All Traffic Signal Foundations shall be installed at the Final Sidewalk or Curb grade for closed sections. Highest Roadway Profile Grade for open sections, to meet clearances as specified in MD 816.03, MD 818.01, MD 818.02, and MD 818.04 The contractor shall verify ultimate grades prior to the installation of all signal equipment.
3. All pavement markings detailed are proposed and are to be installed in accordance with SHA standards. All crosswalks shall be centered on handicap ramps or median cut throughs.
4. Poles are to be located so that they can be activated by a person in a wheelchair from a 60"x 60" level landing area. A level landing area is an area with a cross slope of less than or equal to 2%.
5. If the location of Accessible Pedestrian Signal Pushbuttons must be changed the contractor shall notify the Project Engineer to get approval for new location to ensure proper requirements of the MUTCD are still met. All work must be halted until the Project Engineer has obtained an approved location or if necesary a design waiver is obtained.
6. Pushbutton is to be located so that a pedestrian in a wheelchair located on the level landing area, does not have to reach more than 18".
7. The contractor shall remove all unused wiring.

GEOMETRIC LEGEND
PROPOSED
EXISTING

LEGEND OF UNDERGROUND AND OVERHEAD UTILITIES
AERIAL CABLE — A — A —
ELECTRIC — E — E —
TELEPHONE — T — T —
GAS — G — G —
SEWER — S — S —
WATER — W — W —
CABLE TV — TV — TV —

APPROVALS	
TEAM LEADER	ORIGINAL ON FILE
ASST. DIV. CHIEF	
DIVISION CHIEF	
OFFICE DIRECTOR	

REVISIONS	
(H) INSTALL APS/CPS & LED SIGNAL HEADS	02/08/08
SHA NO.: AT3135185 JWA DBD AOB 10/00	
(G) NEW GEOMETRICS AND SIGNAL RELOCATION	
SHA NO.: SM7685370	
(F) SPLIT SIDE STREET PHASING	2/89
SHA NO.:	

STATE OF MARYLAND
DEPARTMENT OF TRANSPORTATION
STATE HIGHWAY ADMINISTRATION

MD 235 (THREE NOTCH ROAD) AND SHANGRI-LA DRIVE (NORTH)

LEXINGTON PARK, MARYLAND

TRAFFIC SIGNAL PLAN

SCALE 1"= 20' DATE 5-8-75 CONTRACT NO. SM-675X-000-585

DESIGNED BY DENNIS DODA COUNTY ST. MARY'S
DRAWN BY D.ZAFIRIS LOGMILE 18023512.16
CHECKED BY A. BUDNICHUK TIMS NO. 1971
F.A.P. NO. TOD NO.

TS NO. 787-H | DRAWING NO. 1 OF 2 | SHEET NO. OF

PLOTTED: FRIDAY, FEBRUARY 08, 2008 AT 11:33:00 AM
FILE: 5042L_SHANGRILA.DGN